

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113065.D
 Acq On : 15 Mar 2019 14:58
 Operator : JU/SJ
 Sample : K1911-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Manual Integrations
 APPROVED

Sohil
 3/18/2019 2:59:29 PM

Quant Time: Mar 15 23:21:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	127271	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	513983	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	251808	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	512801	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	442883	20.00	ng	0.00
87) Perylene-d12	15.27	264	434875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	886991	108.41	ng	0.00
7) Phenol-d6	6.37	99	1163217	113.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	738312	85.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	405612	151.73	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1381395	93.29	ng	0.00
79) Terphenyl-d14	12.82	244	1544848	67.62	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	108356	5.836	ng	98
71) Phenanthrene	11.26	178	100551	3.941	ng	98
75) Fluoranthene	12.44	202	167069	6.112	ng	96
78) Pyrene	12.67	202	156179	4.183	ng	97
83) Chrysene	13.89	228	63325	2.106	ng	96
88) Benzo(b)fluoranthene	14.87	252	70682m	2.513	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

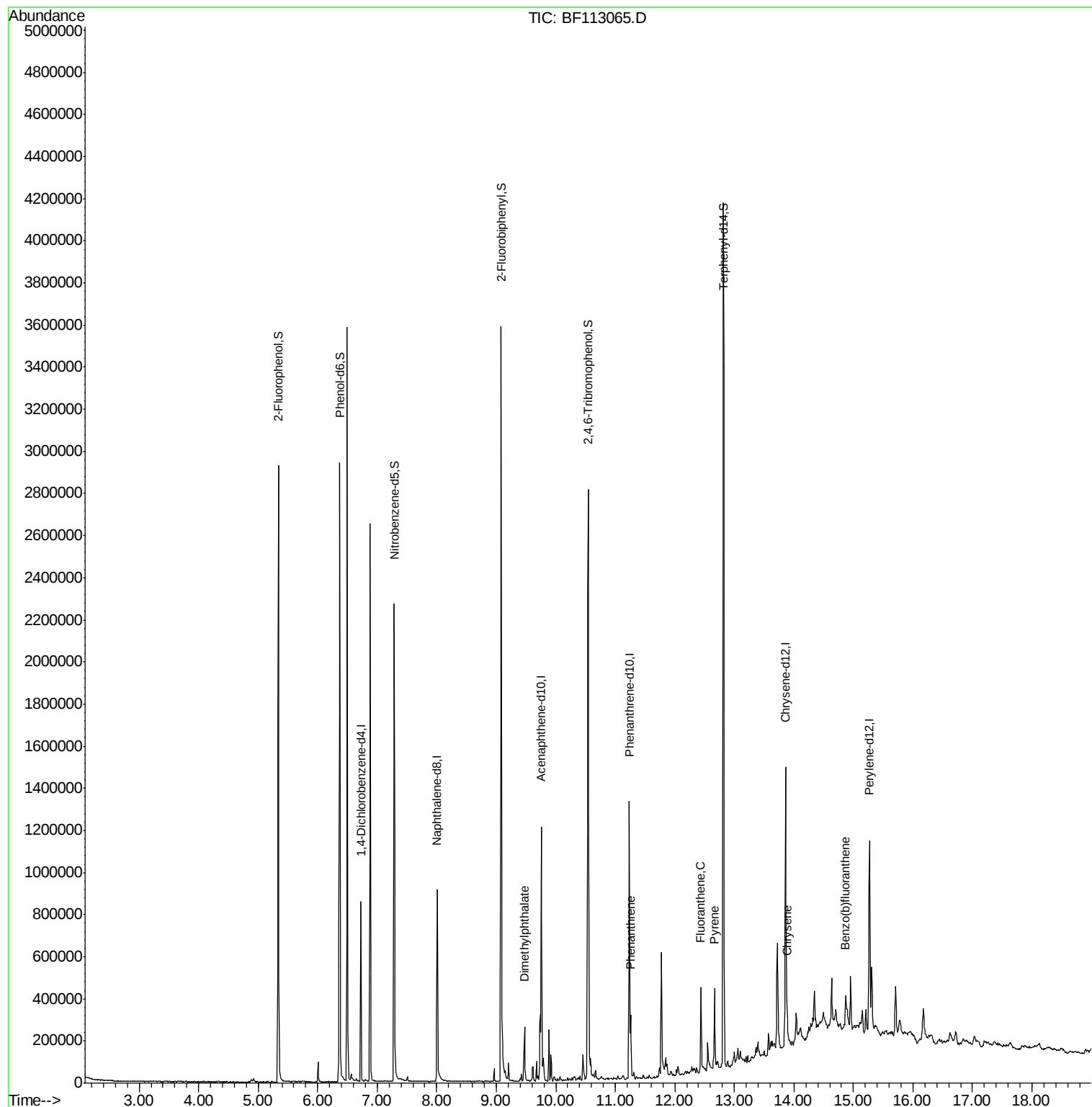
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113065.D
Acq On : 15 Mar 2019 14:58
Operator : JU/SJ
Sample : K1911-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

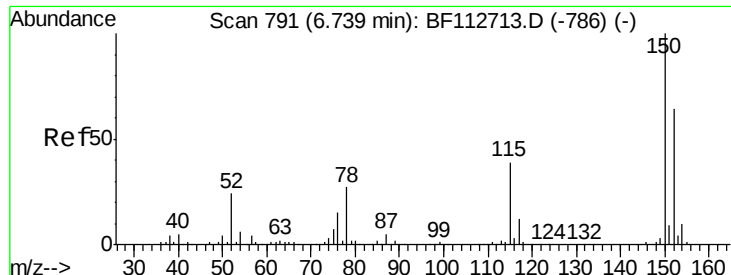
Instrument :
BNA_F
ClientSampleId :
RBR200036

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

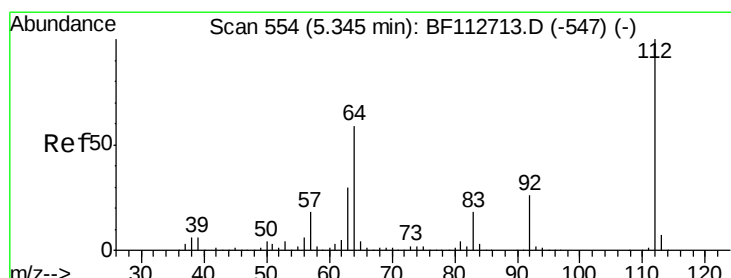
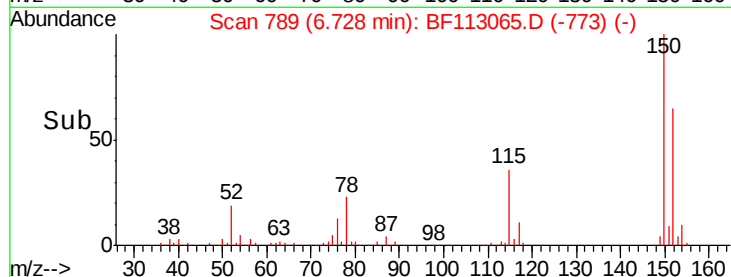
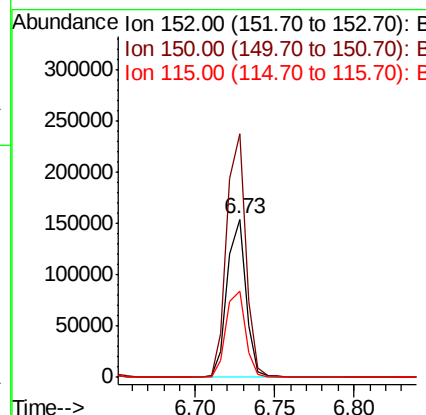
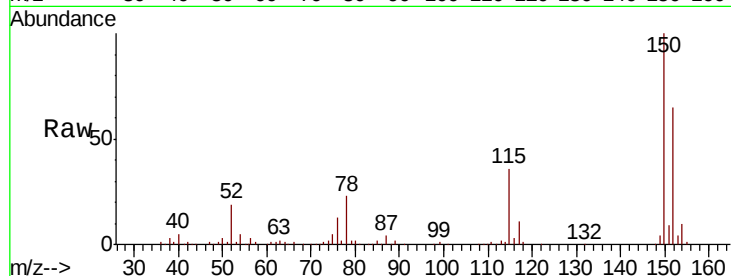
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	54.9	48.2	72.4

Manual Integrations
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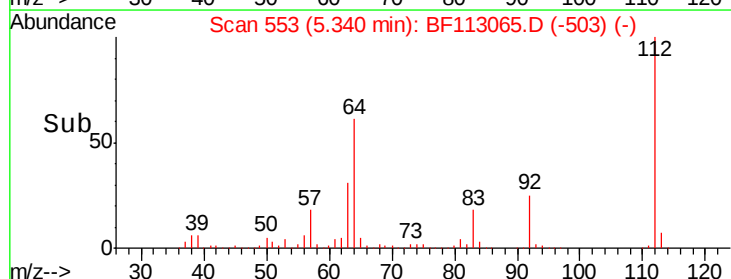
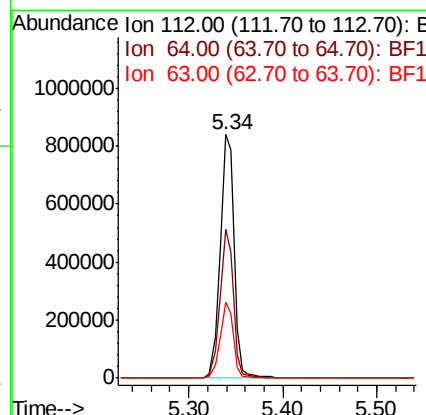
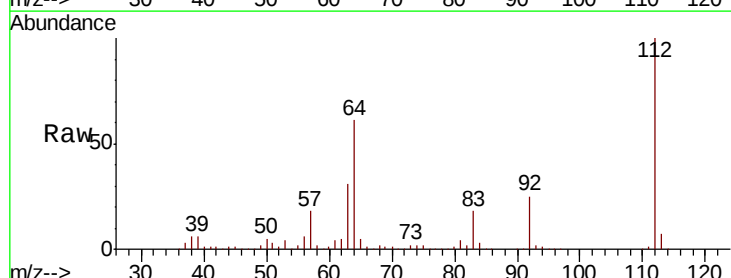
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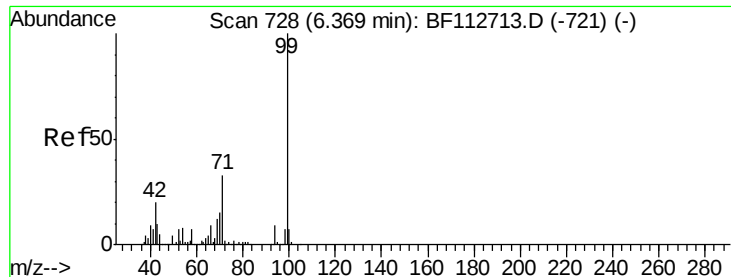


#5

2-Fluorophenol
Concen: 108.411 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.6	71.4
63	31.1	24.4	36.6





#7

Phenol-d6

Concen: 113.179 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113065.D

Acq: 15 Mar 2019 14:58

Instrument :

BNA_F

ClientSampleId :

RBR200036

Tot Ion: 99 Resp: 1163217

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

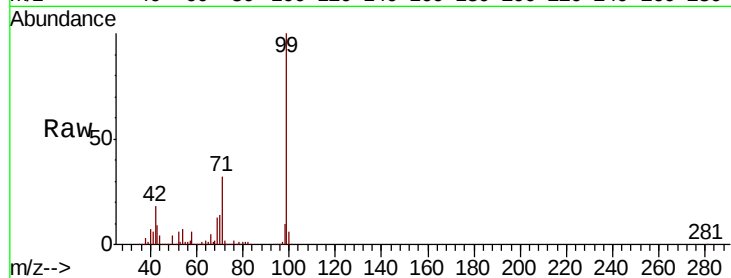
71 31.6 26.2 39.4

Manual Integrations

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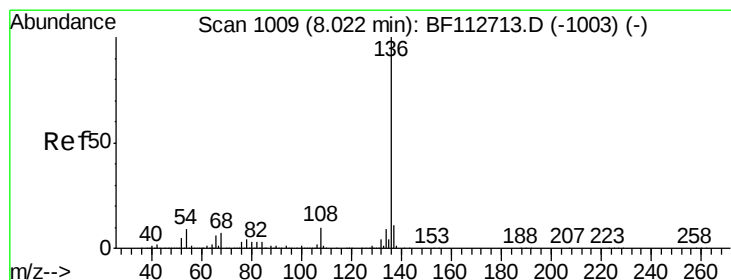
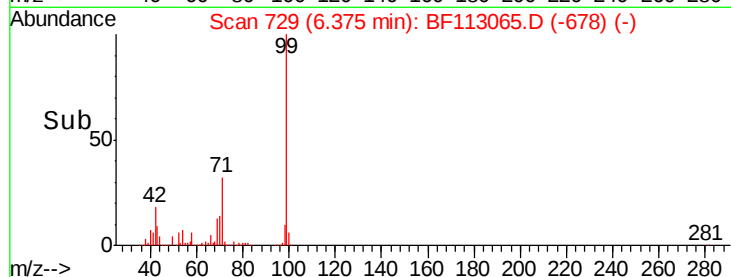
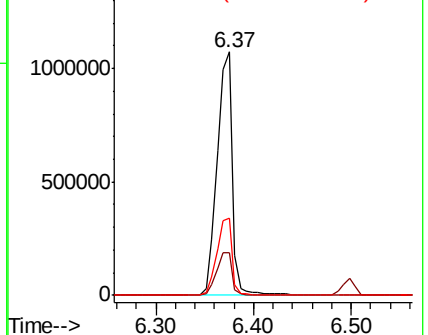
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113065.D

Acq: 15 Mar 2019 14:58

Tgt Ion: 136 Resp: 513983

Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 7.3 10.9

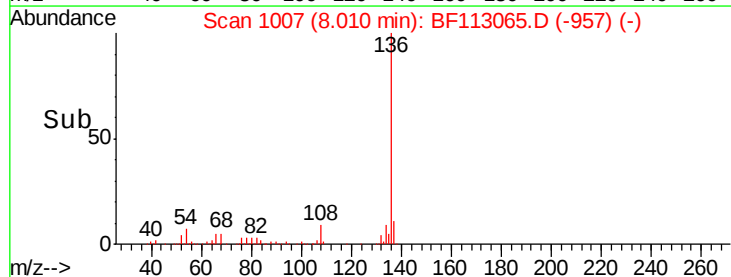
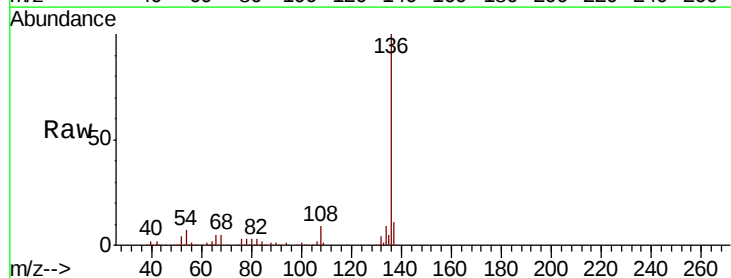
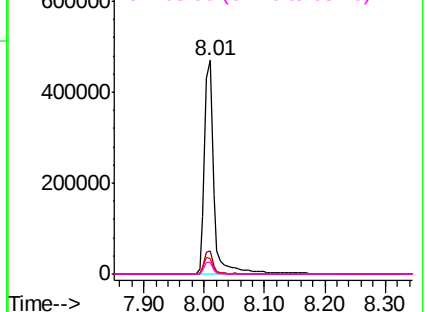
68 5.3 5.4 8.2#

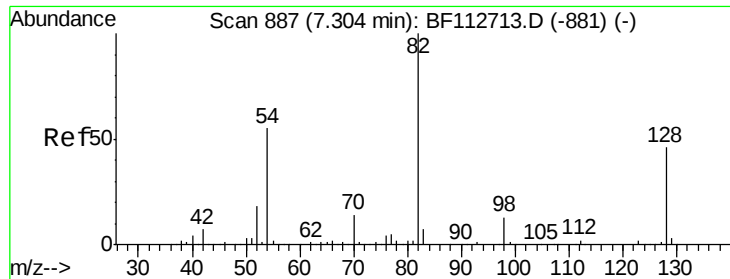
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





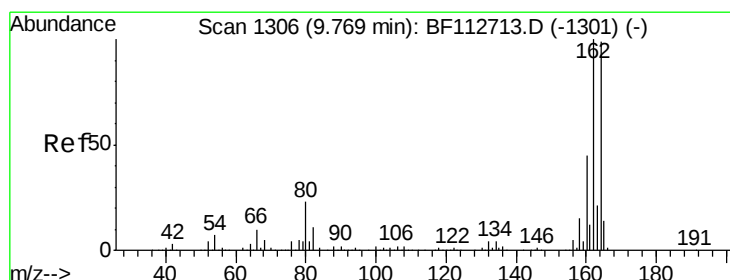
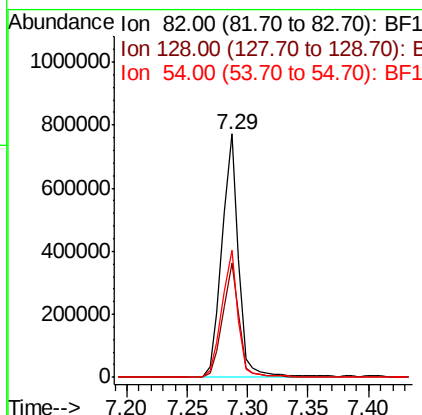
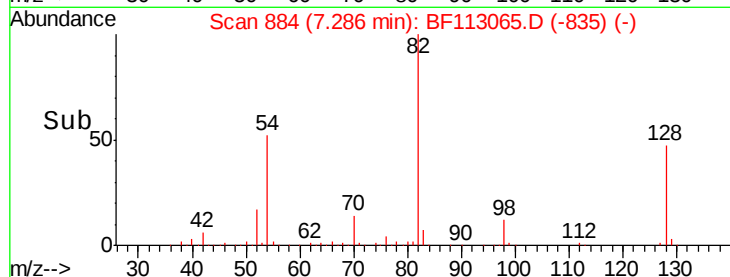
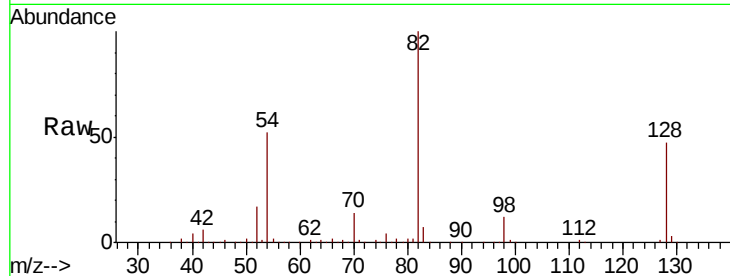
#23
Nitrobenzene-d5
Concen: 85.954 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampled :
RBR200036

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	52.3	43.7	65.5

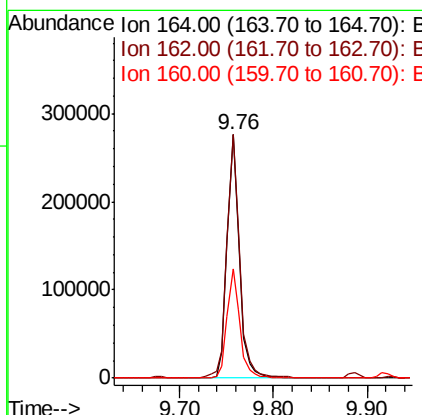
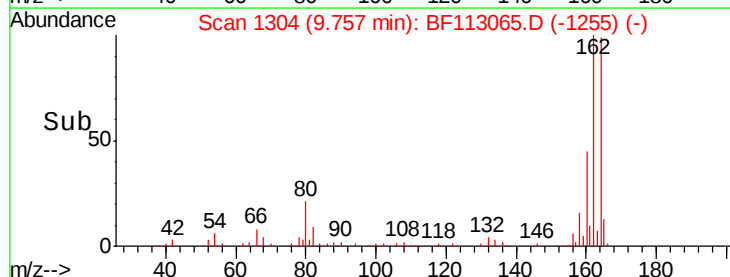
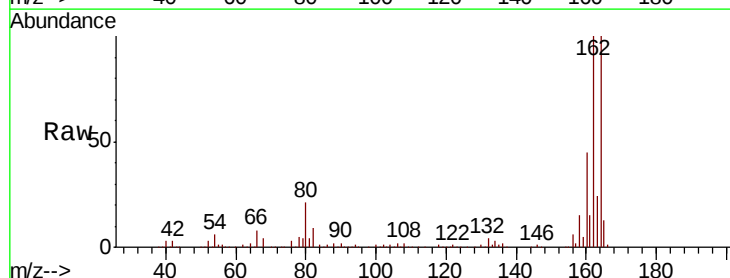
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	44.7	36.0	54.0





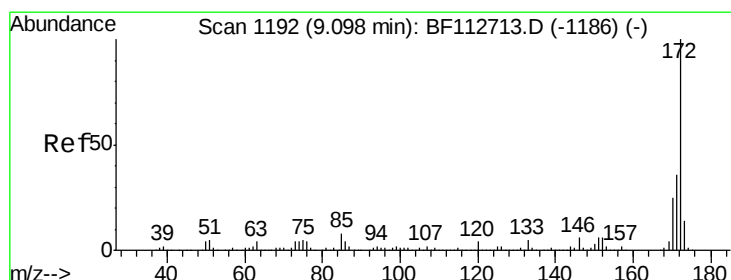
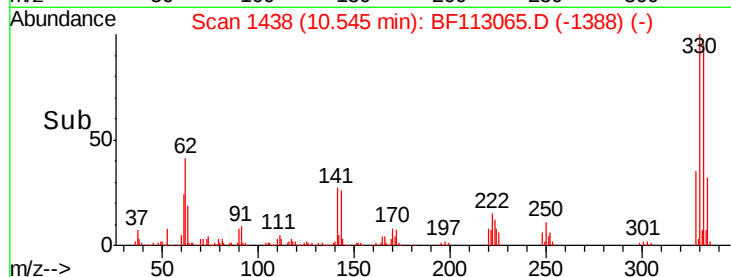
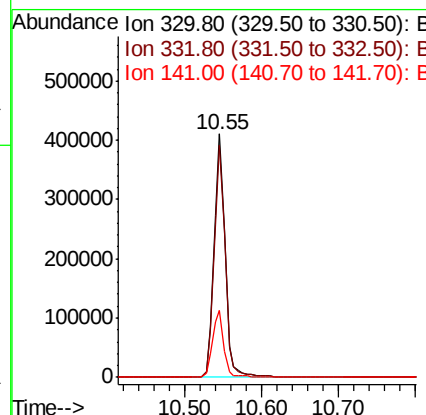
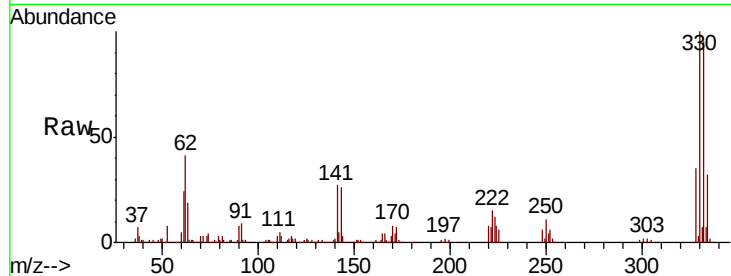
#42
 2,4,6-Tribromophenol
 Concen: 151.730 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113065.D
 Acq: 15 Mar 2019 14:58

Instrument :
 BNA_F
 ClientSampled :
 RBR200036

Tot Ion	Ratio	Resp	Lower	Upper
330	100	405612		
332	96.2	76.2	114.4	
141	28.2	27.0	40.6	

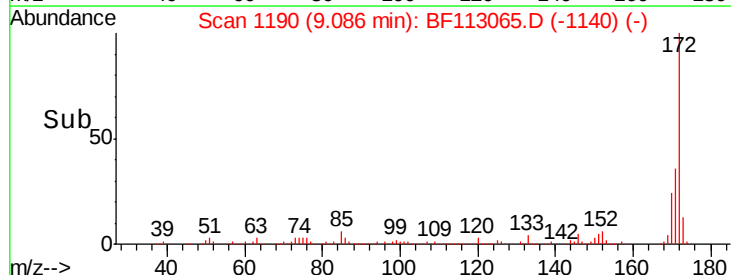
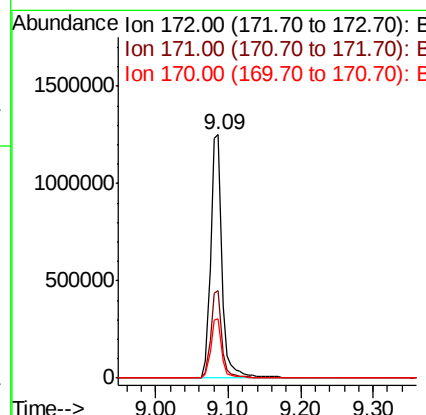
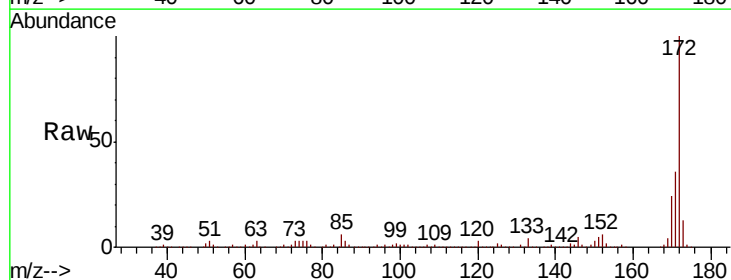
Manual Integrations
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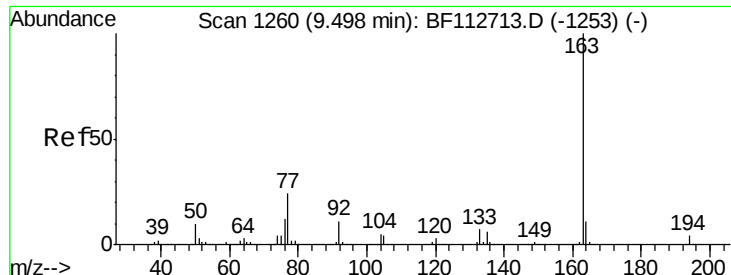
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#45
 2-Fluorobiphenyl
 Concen: 93.288 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113065.D
 Acq: 15 Mar 2019 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1381395		
171	36.1	29.0	43.4	
170	24.4	20.0	30.0	





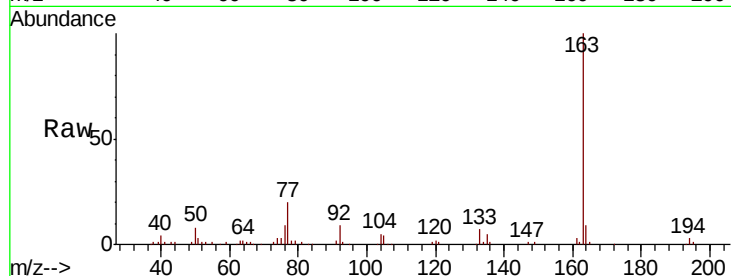
#50
Dimethylphthalate
Concen: 5.836 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

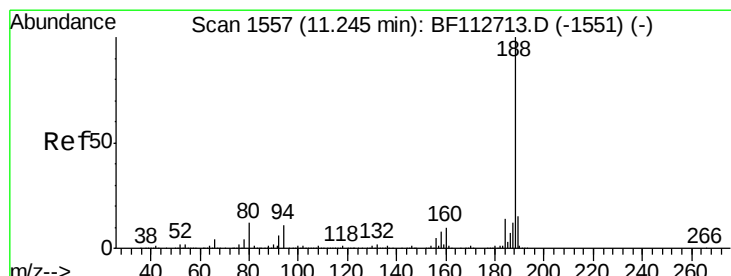
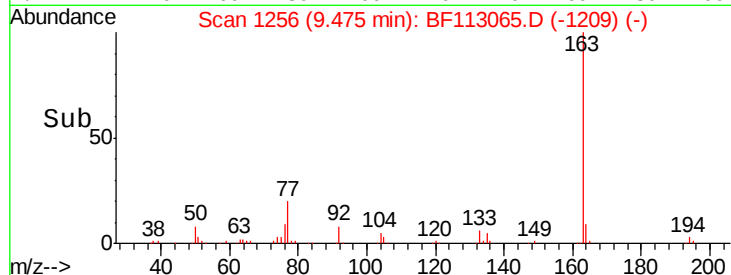
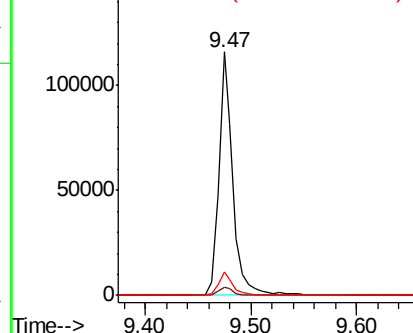
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.0	4.4	
164	9.5	8.4	12.6	

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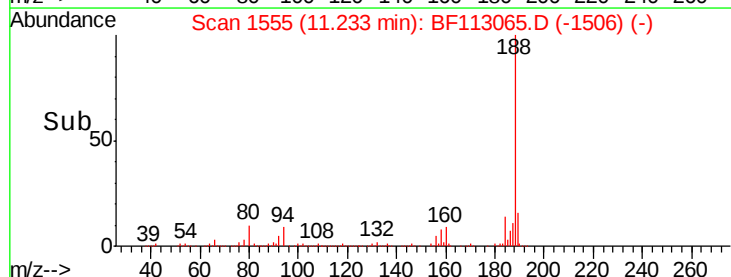
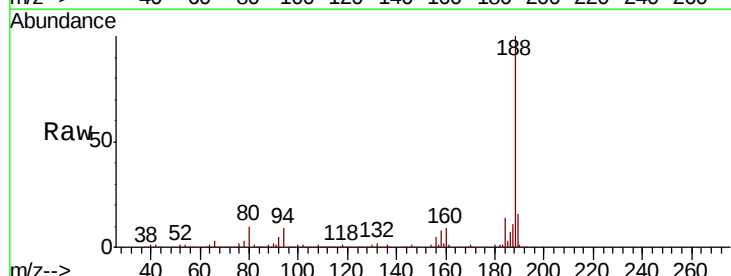
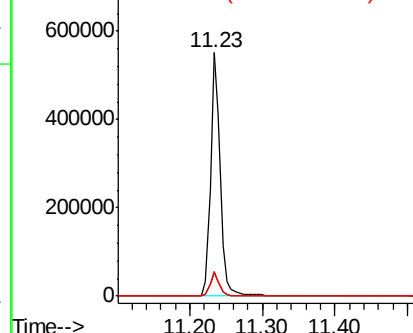
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

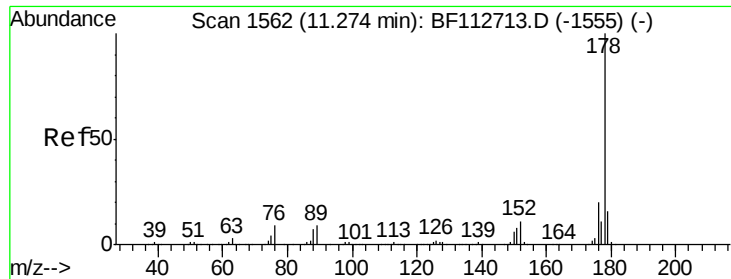


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	9.0	13.4	
80	9.9	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 3.941 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113065.D

Acq: 15 Mar 2019 14:58

Instrument :

BNA_F

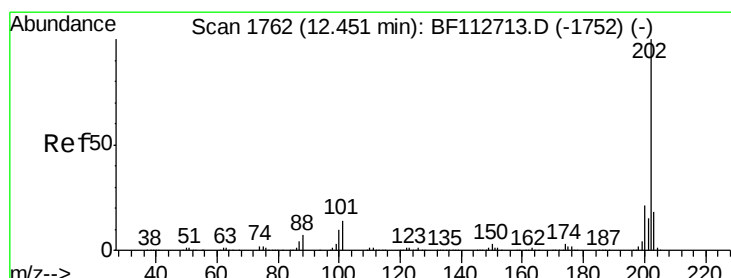
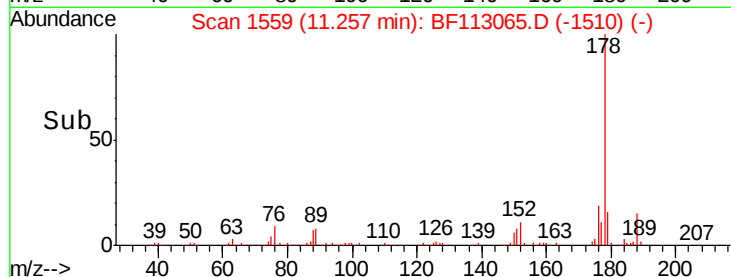
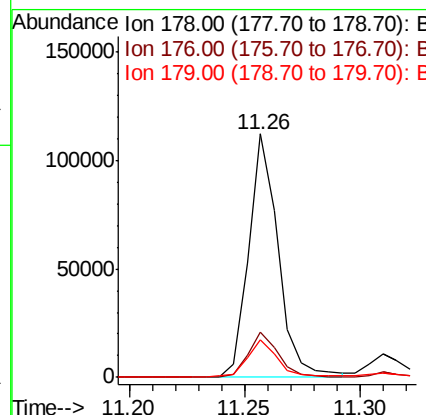
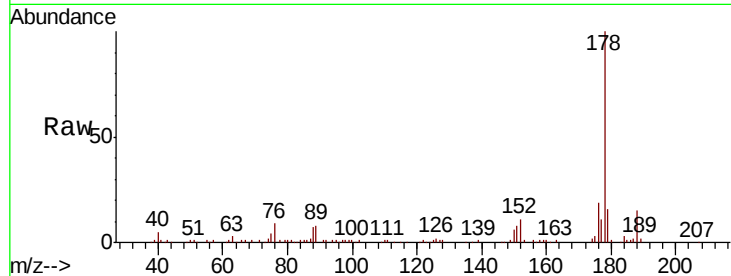
ClientSampled :

RBR200036

Tot Ion:	178	Resp:	100551
Ion Ratio	Lower	Upper	
178	100		
176	18.7	16.3	24.5
179	15.5	12.7	19.1

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#75

Fluoranthene

Concen: 6.112 ng

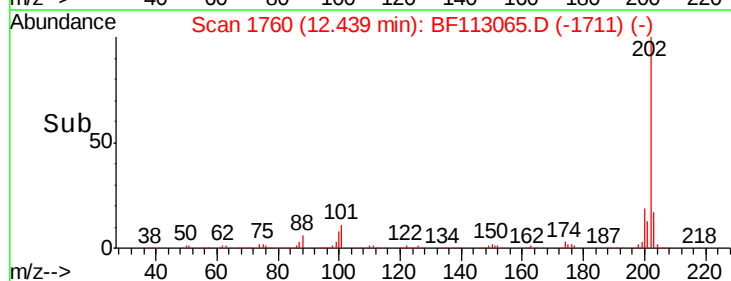
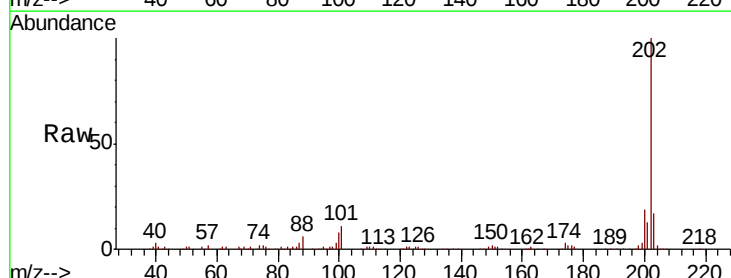
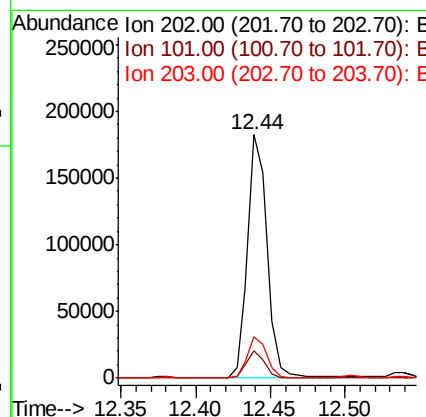
RT: 12.44 min Scan# 1760

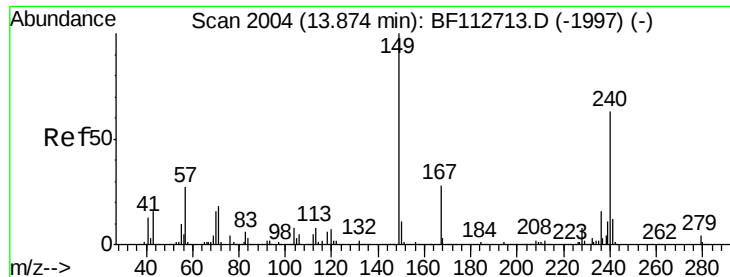
Delta R.T. -0.01 min

Lab File: BF113065.D

Acq: 15 Mar 2019 14:58

Tgt Ion:	202	Resp:	167069
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	33.8
203	17.0	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113065.D

Acq: 15 Mar 2019 14:58

Instrument :

BNA_F

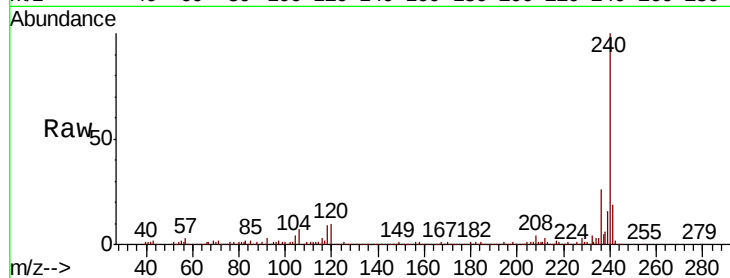
ClientSampleId :

RBR200036

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.8	20.7	31.1

Manual Integrations
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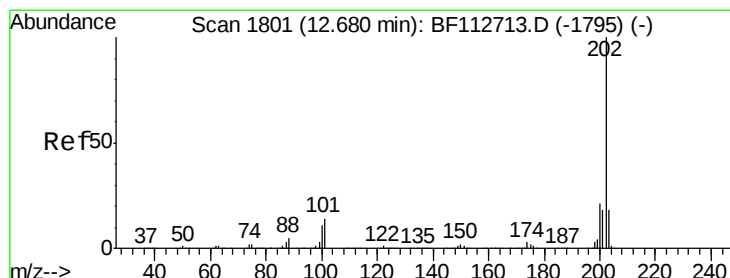
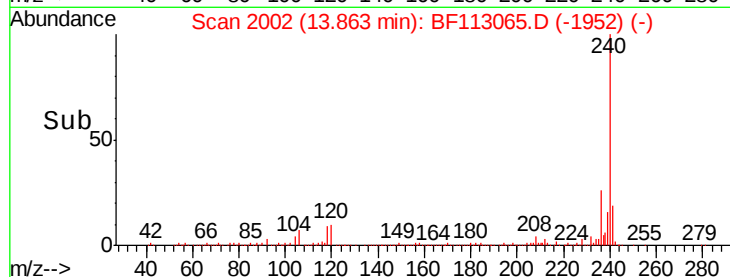
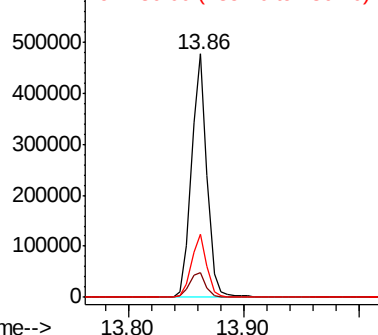


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 4.183 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113065.D

Acq: 15 Mar 2019 14:58

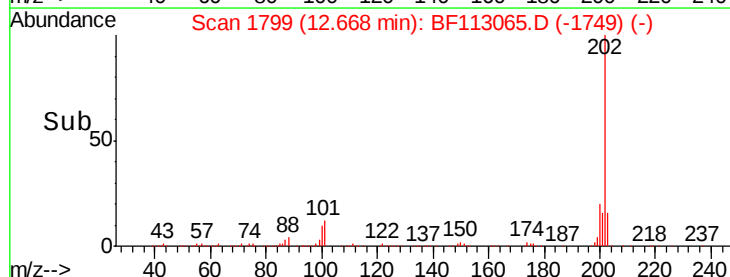
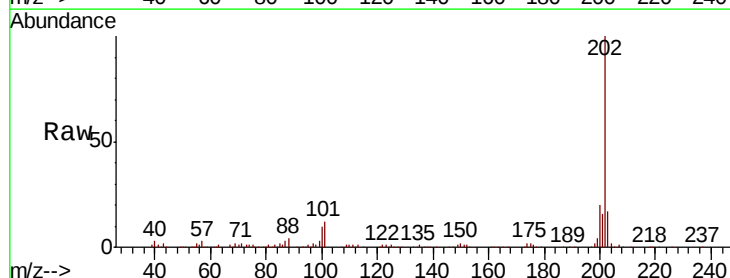
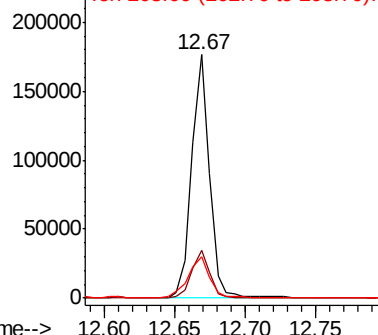
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.0	25.4
203	16.7	14.4	21.6

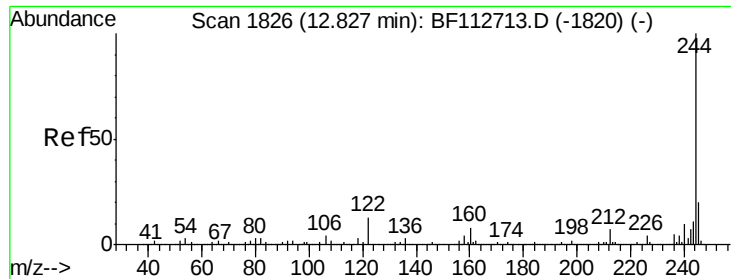
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





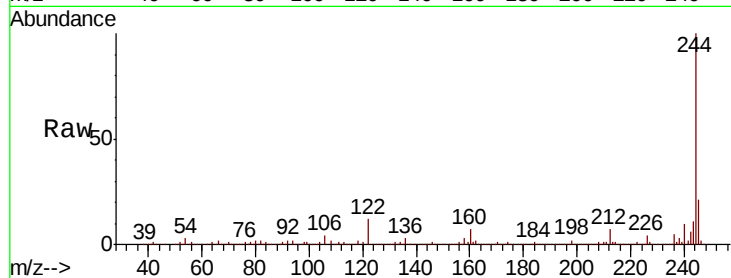
#79
 Terphenyl-d14
 Concen: 67.618 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113065.D
 Acq: 15 Mar 2019 14:58

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	10.5	15.7

Manual Integrations
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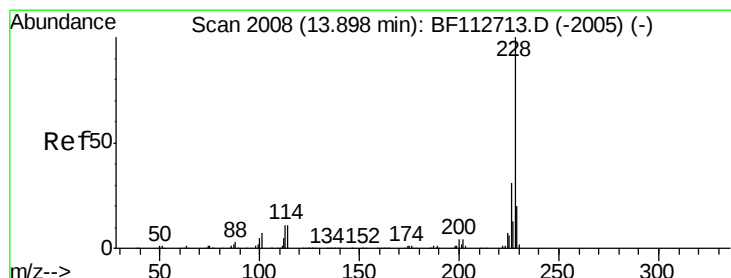
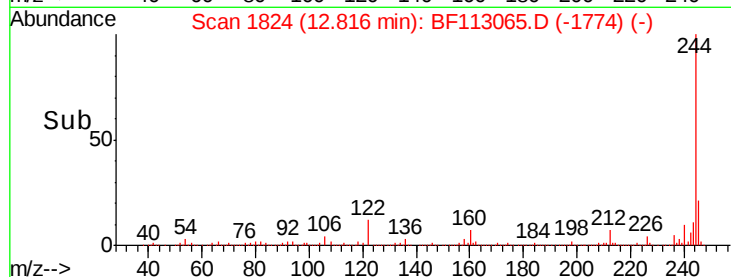
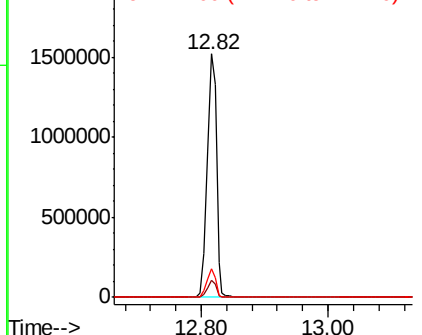


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#83
 Chrysene
 Concen: 2.106 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF113065.D
 Acq: 15 Mar 2019 14:58

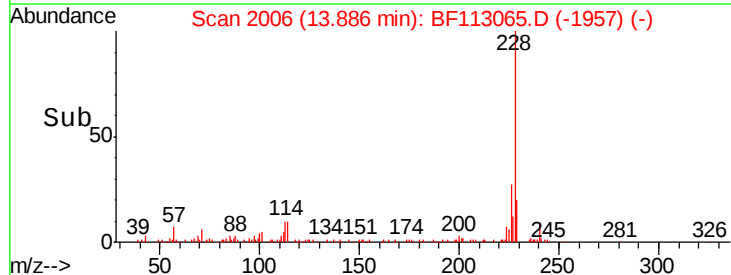
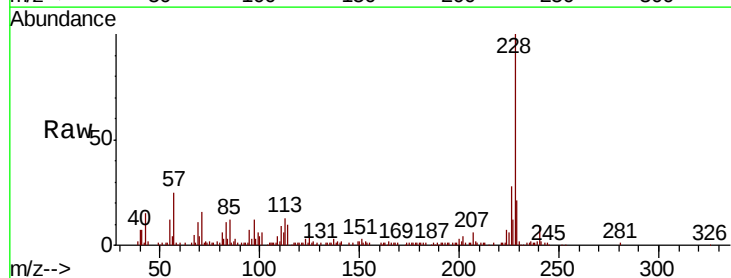
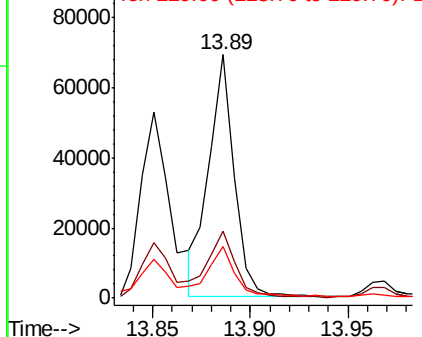
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.9	37.3
229	21.1	16.3	24.5

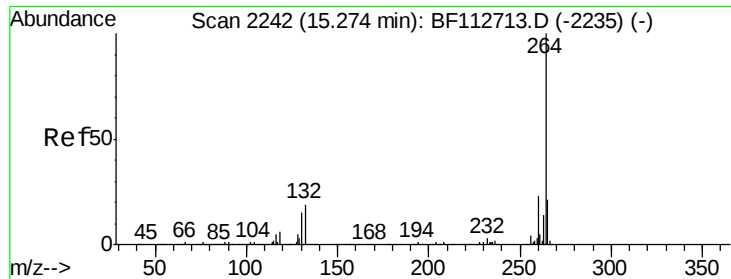
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





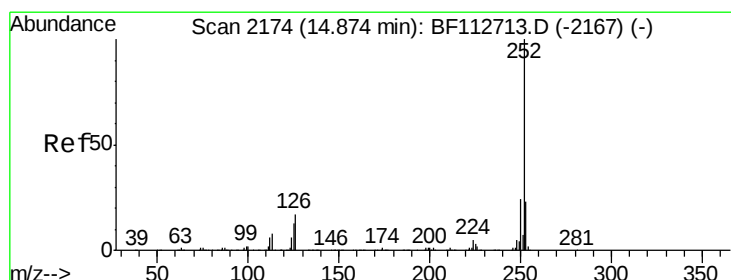
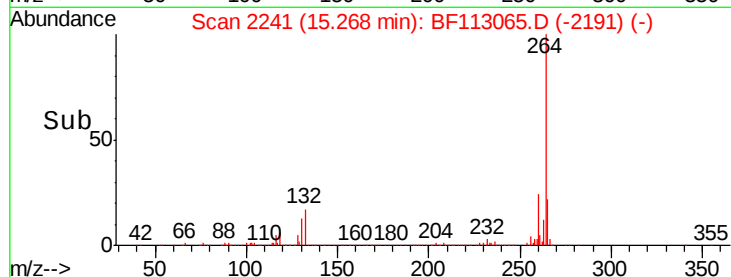
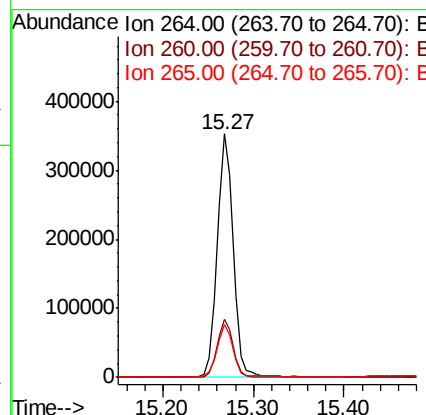
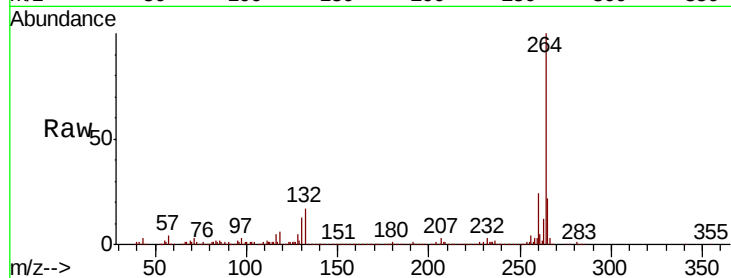
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.6	17.2	25.8

Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 2.513 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113065.D
Acq: 15 Mar 2019 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	17.3	10.2	15.2#

